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## RELATED INFORMATION

- ▶ FAQs for Restriction Endonucleases
- ▶ FAQs for PstI
- ▶ Restriction Endonucleases Technical Reference

## FAVORITE TOOLS

- ▶ Enzyme Finder
- ▶ NEBcutter
- ▶ NEBuffer Chart
- ▶ Double Digest Finder
- ▶ Isoschizomers
- ▶ DNA Sequences and Maps
- ▶ REBASE

## RELATED PRODUCTS

Reagents Sold Separately

- ▶ NEBuffer 3
- ▶ BSA

Competent Cells  
Introductory Offer

## PstI



Nomenclature Update

Catalog #	Size	Concentration	Price	Qty	
R0140S	10,000 units	20,000 units/ml	\$58.00	<input type="text" value="1"/>	<input type="button" value="ADD TO CART"/>
R0140L	50,000 units	20,000 units/ml	\$232.00	<input type="text" value="1"/>	<input type="button" value="ADD TO CART"/>
R0140T	10,000 units	100,000 units/ml	\$58.00	<input type="text" value="1"/>	<input type="button" value="ADD TO CART"/>
R0140M	50,000 units	100,000 units/ml	\$232.00	<input type="text" value="1"/>	<input type="button" value="ADD TO CART"/>

Prices are in US dollars and valid only for US orders.

Download: MSDS PDF

## Recognition Site:

5'...CTGCAG...3'  
3'...GACGTC...5'

isoschizomers | compatible ends | single letter code

## Source:

A *E. coli* strain that carries the PstI gene from *Providencia stuartii* 164 (ATCC 49762).

## Reagents Supplied:

NEBuffer 3  
BSA

## Enzyme Properties

## Activity in NEBuffers:

NEBuffer 1: 75%  
NEBuffer 2: 75%  
NEBuffer 3: 100%  
NEBuffer 4: 50%

When using a buffer other than the optimal (supplied) NEBuffer, it may be necessary to add more enzyme to achieve complete digestion.

## Methylation Sensitivity:

*dam* methylation: Not sensitive  
*dcm* methylation: Not sensitive  
CpG methylation: Not sensitive

## Heat Inactivation:

80°C for 20 minutes

## Survival in a Reaction:

Minimum units to digest 1 µg of substrate DNA in 16 hours: 0.50 unit(s)